

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~Sprayeating~~ A spraycoating apparatus to spraycoat ~~front and/or rear sides (16) of a circular object~~ objects, in particular the front/rear sides of wheels and rims, with coating material while the ~~objects are~~ object is being carried by a conveyor ~~wherein, comprising:~~

[[by]]a support comprising:

- at least one ~~rotatable~~ power takeoff element ~~rotatable~~ arranged to transmit a rotary force about an axis of rotation by a predetermined angle of rotation; and
- at least one ~~drive element to rotate to and fro the minimum of~~ driver arranged to provide the rotary force to the at least one power takeoff element through a predetermined angle of rotation;

~~by one a~~ spray device holder per power takeoff element, said holder comprising:

- a rear holder end ~~as seen in the direction of spraying which is irrotationally connected or connectable to the power takeoff element engageably connectable to the power takeoff element to receive the rotary force from the power takeoff element, wherein the rear holder end is aligned with the axis of rotation;~~ and
- at least one front holder end ~~as seen in the direction of spraying which is connected or connectable to at least one spray device, extending from the rear holder end toward the circular object and the front holder being radially offset relative to the axis of rotation in a manner that, jointly with the spray device and this spray device's spray jet, said front holder end is rotatable to and fro by the predetermined angle of rotation in arcuate~~

~~manner about the axis of rotation of the power takeoff element while the object to be coated is irrotationally configured opposite the spray device; and~~

at least one spray device connectable to the at least one front holder and being arranged parallel or obliquely to and at a distance from the axis of rotation so as to spraycoat the circular object arcuately about the axis of rotation and spray the coating material axially along or obliquely to the axis of rotation.

2. (Withdrawn-Currently Amended) ~~The spraycoating Spraycoating~~ apparatus as claimed in claim 1, wherein the axis of rotation of the power takeoff element points substantially vertically downward and ~~in that the minimum of the at least one spray device is configured lower than the power takeoff element.~~
3. (Currently Amended) ~~The spraycoating Spraycoating~~ apparatus as claimed in claim 1, wherein the axis of rotation of the power takeoff element is configured substantially horizontally and ~~in that the minimum of the at least one spray device is configured farther to the front than the power takeoff element.~~
4. (Currently Amended) ~~The spraycoating Spraycoating~~ apparatus as claimed in claim 1, wherein the predetermined angle of rotation is determined as 360° or less than 360° but large enough such that the sprayjet cross-section of a first section the spray device at the front on a side of the object sprayed by the spray device at a start position of a rotation at least partly overlaps itself in the reversal positions of the direction of rotation a second section sprayed by the spray device at an end position of the rotation.
5. (Currently Amended) ~~The spraycoating Spraycoating~~ apparatus as claimed in claim 1, wherein ~~the spray device holder is fitted with two holder ends each of which is connected or connectable to at least one spray device and in that the two front holder ends~~ the at least one front holder end includes first and second front holder ends arranged —are diametrically opposite to each other by about substantially 180° relative to the axis of rotation and connectable to first and second spray devices, respectively.

6. (Currently Amended) ~~The spraycoating~~Spraye coating apparatus as claimed in claim 5, wherein the predetermined angle of rotation is determined as 180° or less than 180° but large enough~~such that the sprayjet cross-sections of the two spray devices~~a first section on a side of the object sprayed by the first spray device at a start position of a rotation at least partly overlap in the reversal positions of the direction of rotation overlaps a second section sprayed by the second spray device at an end position of the rotation.
7. (Currently Amended) ~~The spraycoating~~Spraye coating apparatus as claimed in claim 5, wherein ~~the centers of the spray jets of axes of the first and second spray devices when in the reversal position of the direction of rotation at an end point of a rotation~~ are situated in a theoretical plane ~~itself also situated in~~including the axis of rotation, ~~and being radial relative to the axis of rotation, said the~~ theoretical plane subtending an angle between 0° and ~~at most 30° with a horizontal direction~~radially relative to the axis of rotation from the horizontal plane.
8. (Currently Amended) ~~The spraycoating~~Spraye coating apparatus as claimed in claim 1, wherein the support ~~is fitted with~~comprises at least two of said power takeoff ~~elements~~element, of which ~~the horizontal~~ axes of rotation are configured horizontally parallel to each other and vertically ~~mutually superposed~~aligned with each other.
9. (Currently Amended) ~~The spraycoating~~Spraye coating apparatus as claimed in claim 1, wherein the ~~holder support~~ is a carriage or a slide ~~horizontally and automatically~~ displaceable synchronously with and parallel to the objects, horizontally and transversely to the axis of rotation, and automatically as a function of ~~[[the]]~~ signals from a control unit.
10. (Currently Amended) ~~The spraycoating~~Spraye coating apparatus as claimed in claim 1, wherein the ~~holder support~~ is a carriage or a slide able arranged to move ~~to and fro in the axial direction of~~axially along the axis of rotation.
11. (Currently Amended) ~~The spraycoating~~Spraye coating apparatus as claimed in claim 1, wherein the spray device holder is designed configured to position the ~~minimum of~~ at

least one spray device at different distances from the ~~rotatable~~ at least power takeoff element[[]].

12. (Currently Amended) ~~The spraycoating~~Sprayeating apparatus as claimed in claim 1, wherein the at least one power takeoff element is axially displaceable into various positions [[]] along its ~~the~~ axis of rotation relative to the support.
13. (Currently Amended) ~~The spraycoating apparatus~~Spray device as claimed in claim 1, wherein ~~a~~ the conveyor is arranged to move the ~~objects~~ object transversely to the axis of rotation of the ~~minimum of~~ at least one power takeoff element.
14. (Withdrawn-Currently Amended) ~~Method to spraycoat front/rear sides of~~ A method of spraycoating a circular ~~objects~~ object, ~~in particular front/rear sides of wheels and rims,~~ with a coating material ~~which is sprayed by at least one spray device onto the front side while the object is carried by a conveyor wherein, comprising:~~ the minimum of one spray device is moved to and from along a circular path about an axis of rotation by a predetermined angle of rotation, the spray device being kept a predetermined, radial distance from the axis of rotation, in that spraying the coating material ~~is sprayed on the object's side by the minimum of~~ at least one spray device ~~during the circular to and/or fro motions on the object's front side~~ movable to and from along a circular path about an axis of rotation of a power takeoff element by a predetermined angle of rotation, the spray device being positioned at a predetermined radial distance from the axis of rotation;[[.]] and in that during the spraying procedure either displacing the minimum of at least one spray device ~~is moved~~ parallel to the object at the same speed as that of the ~~objects~~ object moving in the ~~objects'~~ object's direction of advance ~~parallel to said objects,~~ or stopping the ~~objects~~ object and the ~~minimum of~~ at least one spray device ~~are kept immobile (stationary) in the direction of advance~~ during the spraying.

15. (Withdrawn-Currently Amended) ~~Method-~~The method as claimed in claim 14, wherein the axis of rotation of the takeoff element points vertically downward and the ~~minimum~~ of at least one spray device is configured lower than the power takeoff element.
16. (Withdrawn-Currently Amended) ~~Method-~~The method as claimed in claim 14, wherein the axis of rotation of the power takeoff element points horizontally forward and the ~~minimum~~ of at least one spray device is kept farther forward in ~~the~~ a direction of spraying than the power takeoff element.
17. (Withdrawn-Currently Amended) ~~Method-~~The method as claimed in claim 14, wherein ~~two of the spray devices are used~~ the at least one spray device includes first and second spray devices, said spray devices arranged being configured diametrically opposite to each other relative to the axis of rotation of the power takeoff element ~~at mutually opposite sites each~~ and radially equally distant from the axis of rotation.
18. (Withdrawn-Currently Amended) ~~Method-~~The method as claimed in claim 17, wherein ~~the two and fro motion~~ a to-and-from motion is carried out through ~~the~~ an the angle of rotation ~~less than~~ which is determined as 180° or less ~~but at least so large such that the spray jet cross sections of the spray devices~~ a first section on the object sprayed by the first spray device at a start position of a rotation partly overlap in the reversal position directions of rotation overlaps a second section sprayed by the second spray device at an end position of the rotation.
19. (Withdrawn-Currently Amended) ~~Method-~~The method as claimed in claim 17, wherein the axis of rotation of the power takeoff element is substantially horizontal, and ~~in that wherein~~ the centers of the spray jets axes of the first and second spray devices when in the reversal positions of the direction of rotation at an end point of a rotation are situated in a theoretical plane ~~which is also situated including~~ the axis of rotation, and which runs axially relative to the axis of rotation at the theoretical plane subtending an angle between 0° and at most 30° to a horizontal direction radially relative to the axis of rotation from the horizontal plane.

20. (Withdrawn-Currently Amended) ~~Method~~The method as claimed in claim 19, wherein during said rotation, less ~~of the~~ coating material per unit time is sprayed by the ~~particular first spray~~ device moving along ~~the a~~ lower arc of circle onto ~~the front side of the object~~ than is sprayed ~~onto said side~~ by the ~~particular second~~ spray device moving along ~~the an~~ upper arc of circle.
21. (Withdrawn-Currently Amended) ~~The method~~Method as claimed in claim 14, wherein during the spraying, ~~procedure the minimum of at least~~ one spray device is ~~both~~ rotated circularly to and ~~fro—from in the above cited manner~~ and simultaneously is moved in the ~~objects' object's~~ direction of conveyance parallel to and synchronously with the ~~particular~~ object being coated.